

2018 Current Fiscal Year Report: Advisory Committee on Earthquake Hazards Reduction

Report Run Date: 06/05/2019 03:18:46 AM

1. Department or Agency

Department of Commerce

2. Fiscal Year

2018

3. Committee or Subcommittee

Advisory Committee on Earthquake Hazards Reduction

3b. GSA Committee No.

29142

4. Is this New During Fiscal Year?

No

5. Current Charter

04/20/2018

6. Expected Renewal Date

04/20/2020

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority

Statutory (Congress Created)

12. Specific Establishment Authority

P.L. 108-360, Section 103

13. Effective Date

10/25/2004

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee

Other Committee

16a. Total Number of Reports

1

16b. Report Date

03/26/2018

Report Title

Interim Letter Report on the Effectiveness of NEHRP

Number of Committee Reports Listed: 1

17a. Open 1 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 1

Meetings and Dates

Purpose

To review the National Earthquake Hazards Reduction Program (NEHRP) agency updates on their latest activities and conduct facilitated breakout sessions by agency to clarify recommendations provided in the Committee's 2017 Report on the Effectiveness of the NEHRP.

Start

End

03/12/2018 - 03/13/2018

Number of Committee Meetings Listed: 1

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$42,105.04	\$87,282.49
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$14,470.65	\$38,620.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00

18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$7,525.70	\$19,013.40
18d. Total	\$64,101.39	\$144,915.89
19. Federal Staff Support Years (FTE)	0.30	0.60

20a. How does the Committee accomplish its purpose?

The Committee acts in the public interest to assess: (1) trends and developments in the science and engineering of earthquake hazards reduction; (2) effectiveness of the Program in carrying out the activities under section 103(a)(2) of the Earthquake Hazards Reduction Act of 1977; (3) the need to revise the Program; and (4) the coordination, implementation, and activities of the Program.

20b. How does the Committee balance its membership?

Members reflect the wide diversity of technical disciplines, competencies, and communities involved in earthquake hazards reduction. Members are drawn from industry and other communities having an interest in the Program, such as, but not limited to, research and academic institutions, industry standards development organizations, state and local government, and financial communities, who are qualified to provide advice on earthquake hazards reduction and represent all related scientific, architectural, and engineering disciplines.

20c. How frequent and relevant are the Committee Meetings?

The Committee meets face-to-face at least once per year. To promote efficient spending, as directed by Executive Order 13589, the Committee conducts teleconferences in lieu of face-to-face meetings, when feasible.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The Committee is necessary to fulfill the responsibility of the Department under the National Earthquake Hazards Reduction Program Reauthorization Act of 2004 (P.L. 108-360).

20e. Why is it necessary to close and/or partially closed committee meetings?

N/A

21. Remarks

This Committee functions solely as an advisory body, in accordance with the provisions of the Federal Advisory Committee Act. The purpose of the FY18 Committee meeting changed slightly from the purpose stated in the federal register notice. The appointed

Committee Chair is following the minimum requirements of the current ACEHR Charter by submitting a full report to the Director of NIST at least once every two years on its findings of the assessment carried out under the objective and scope of activities within the charter, and its recommendations for ways to improve the Program. The last report was submitted on September 11, 2017. Actual FY 2018 costs are less than FY 2017 because the Committee only held one face-to-face meeting. The FY 2018 estimated costs include two face-to-face meetings since the Committee's next biennial report is due in September 2019.

Designated Federal Officer

Howard Harary Designated Federal Officer (DFO)

Committee Members	Start	End	Occupation	Member Designation
Archuleta, Ralph	10/01/2011	03/31/2018	Dept. of Earth Sciences, Univ. of CA, Santa Barbara	Ex Officio Member
Beroza, Gregory	07/11/2018	12/31/2019	Professor	Ex Officio Member
Bullock, Jane	08/01/2014	07/31/2020	Founder & Principal, Bullock & Haddow LLC	Special Government Employee (SGE) Member
Davis, Craig	08/01/2012	07/31/2018	Water System Resilience Program Mgr., Los Angeles Dept of Water and Power	Special Government Employee (SGE) Member
Deierlein, Gregory	10/05/2016	10/04/2019	Dept. of Civil & Environmental Eng., Stanford University	Special Government Employee (SGE) Member
Gillengerten, John	02/24/2014	02/23/2020	Structural Engineer Consultant	Special Government Employee (SGE) Member
Goltz, James	08/01/2013	07/31/2019	Retired Annuitant, CA Emergency Management Agency	Special Government Employee (SGE) Member
Gould, Nathan	11/15/2013	11/14/2019	Director & Chief of Technology, ABS Consulting Risk Division	Special Government Employee (SGE) Member
Herrmann, Robert	08/01/2012	07/31/2018	Paul C. Reinert Chair of Natural Sciences, Dept. of Earth & Atmospheric Sciences, Saint Louis Univ.	Special Government Employee (SGE) Member
Johnson, Laurie	10/26/2012	10/25/2018	Urban Planner and Principal, Laurie Johnson Consulting	Special Government Employee (SGE) Member
Kersting, Ryan	05/30/2016	05/29/2019	Buehler & Buehler Structural Engineers, Inc.	Special Government Employee (SGE) Member
Ludwig, Lisa	12/04/2014	12/03/2020	Professor, Program in Public Health	Special Government Employee (SGE) Member
Lynn, Ronald	09/01/2012	08/31/2018	Building Codes	Special Government Employee (SGE) Member
May, Peter	08/01/2013	07/31/2019	Professor, Department of Political Science	Special Government Employee (SGE) Member
Peek, Lori	02/05/2015	01/31/2021	Associate Professor, Department of Sociology	Special Government Employee (SGE) Member
Rix, Glenn	03/30/2016	03/29/2019	Geosyntec Consultants, Inc.	Special Government Employee (SGE) Member
Simpson, David	05/30/2016	05/29/2019	The IRIS Consortium	Special Government Employee (SGE) Member

Number of Committee Members Listed: 17

Narrative Description

The committee is mandated by P.L. 108-360, the 2004 reauthorization of the National Earthquake Hazards Reduction Program (NEHRP). By statute, the committee is composed of representatives of research & academic institutions, industry standards development organizations, state & local government, & financial committees who are qualified to provide advice on earthquake hazards reduction & represent all related scientific, architectural, & engineering disciplines. The committee shall assess trends and developments in the science & engineering of earthquake hazards reduction; effectiveness of the program in carrying out its prescribed activities; need to revise the program; and the management, coordination, implementation, & activities of the program.

What are the most significant program outcomes associated with this committee?

Checked if Applies

- | | |
|---|-------------------------------------|
| Improvements to health or safety | <input checked="" type="checkbox"/> |
| Trust in government | <input checked="" type="checkbox"/> |
| Major policy changes | <input type="checkbox"/> |
| Advance in scientific research | <input checked="" type="checkbox"/> |
| Effective grant making | <input type="checkbox"/> |
| Improved service delivery | <input type="checkbox"/> |
| Increased customer satisfaction | <input checked="" type="checkbox"/> |
| Implementation of laws or regulatory requirements | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

- | | |
|----------------------------|-------------------------------------|
| None | <input type="checkbox"/> |
| Unable to Determine | <input checked="" type="checkbox"/> |
| Under \$100,000 | <input type="checkbox"/> |
| \$100,000 - \$500,000 | <input type="checkbox"/> |
| \$500,001 - \$1,000,000 | <input type="checkbox"/> |
| \$1,000,001 - \$5,000,000 | <input type="checkbox"/> |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/> |
| Over \$10,000,000 | <input type="checkbox"/> |
| Cost Savings Other | <input type="checkbox"/> |

Cost Savings Comments

NA

What is the approximate Number of recommendations produced by this committee for the life of the committee?

92

Number of Recommendations Comments

The total number of formal recommendations has not changed since FY17, when the Committee submitted their biennial report. No new formal recommendations were produced by the Committee in their March 26, 2018 interim report letter. Most of the total recommendations for each year were provided for the individual NEHRP agencies (FEMA, NIST, NSF, USGS), but some were provided for the management, coordination, and implementation of NEHRP as a whole.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

45%

% of Recommendations Fully Implemented Comments

This approximate percentage of fully implemented recommendations hasn't changed since FY17 since no new formal recommendations were submitted by the Committee in FY18. This is a multi-agency program; therefore, many of the recommendations are tied to funding issues that are governed by appropriations, legislation, and available resources, which can be different for each of the NEHRP agencies. Consistent with available resources, each recommendation is being addressed.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

79%

% of Recommendations Partially Implemented Comments

The four agencies have partially implemented more than half of the recommendations. This approximate percentage of partially implemented recommendations hasn't changed since FY17 since no new formal recommendations were submitted by the Committee in FY18.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

At the next scheduled meeting of the Committee following the submission of new formal recommendations, each NEHRP agency representative provides a response to the Committee addressing the new recommendations involving his or her agency. The Designated Federal Officer or his/her designee provides a response to the Committee addressing the general recommendations for NEHRP. The Interagency Coordinating Committee (ICC) is also briefed. The responses are posted on the NEHRP web site at <http://nehrrp.gov>.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

Not Applicable

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Access Comments

NEHRP general web site at <http://nehrrp.gov/>